

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"loop powered process instrument"	US-PGPUB; USPAT	OR	OFF	2007/04/20 09:47
L2	5679	"process variable"	US-PGPUB; USPAT	OR	OFF	2007/04/20 09:18
L3	1627	2 near5 (measur\$5 or detect\$3 or sens\$3 or monitor\$3 or determin\$5 or test\$3)	US-PGPUB; USPAT	OR	OFF	2007/04/20 09:19
L4	15	3 same cascad\$3	US-PGPUB; USPAT	OR	OFF	2007/04/20 07:44
L5	137	3 and cascad\$3 not 4	US-PGPUB; USPAT	OR	OFF	2007/04/20 07:44
L6	0	5 and ("charge pump" or "switched capacitor")	US-PGPUB; USPAT	OR	OFF	2007/04/20 08:02
L7	4	5 and "process loop"	US-PGPUB; USPAT	OR	OFF	2007/04/20 09:37
L8	26	5 and (two adj wire)	US-PGPUB; USPAT	OR	OFF	2007/04/20 07:51
L9	78	5 and loop not (7 or 8)	US-PGPUB; USPAT	OR	OFF	2007/04/20 07:53
L10	32	5 not (7 or 8 or 9)	US-PGPUB; USPAT	OR	OFF	2007/04/20 07:54
L11	0	"cascaded charge pump circuits" or "cascaded switched capacitor voltage dividers"	US-PGPUB; USPAT	OR	OFF	2007/04/20 07:55
L12	4	"cascaded charge pump circuits" or "cascaded switched capacitor voltage dividers"	US-PGPUB; USPAT	OR	OFF	2007/04/20 09:51
L13	0	3 and (cascod\$3 or cascad\$3) not (4 or 5)	US-PGPUB; USPAT	OR	OFF	2007/04/20 08:01
L14	479	3 and ((control\$4 or adjust\$4 or vary\$3) near3 current\$1)	US-PGPUB; USPAT	OR	OFF	2007/04/20 09:09
L15	437	14 not (4 or 5)	US-PGPUB; USPAT	OR	OFF	2007/04/20 08:02
L16	13	15 and ("charge pump" or "switched capacitor")	US-PGPUB; USPAT	OR	OFF	2007/04/20 08:35
L17	14	15 and "327"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/20 08:07
L18	9	15 and "307"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/20 08:07
L19	3	15 and "363"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/20 08:07
L20	25	17 or 18 or 19	US-PGPUB; USPAT	OR	OFF	2007/04/20 08:29

## EAST Search History

L21	442	14 not (16 or 20)	US-PGPUB; USPAT	OR	OFF	2007/04/20 08:29
L22	400	21 not (4 or 5)	US-PGPUB; USPAT	OR	OFF	2007/04/20 08:29
L23	179	22 and "power supply"	US-PGPUB; USPAT	OR	OFF	2007/04/20 08:30
L24	160	23 and (pump\$3 or boost\$3 or multipl\$8 or divi\$4)	US-PGPUB; USPAT	OR	OFF	2007/04/20 08:31
L25	159	24 and (temperature\$1 or flow or pressure\$1)	US-PGPUB; USPAT	OR	OFF	2007/04/20 08:31
L26	512	(cascad\$3 or cascod\$3) with ((charge adj pump\$4) or (switched adj capacitor\$1))	US-PGPUB; USPAT	OR	OFF	2007/04/20 09:07
L27	1	2 and 26	US-PGPUB; USPAT	OR	OFF	2007/04/20 08:37
L28	853821	(temperature\$1 or flow or pressure\$1) near5 (measur\$5 or detect\$3 or sens\$3 or monitor\$3 or determin\$5 or test\$3)	US-PGPUB; USPAT	OR	OFF	2007/04/20 08:38
L29	21	26 and 28	US-PGPUB; USPAT	OR	OFF	2007/04/20 08:43
L30	853869	(3 or 28) not (4 or 5 or 16 or 20 or 25 or 27 or 29)	US-PGPUB; USPAT	OR	OFF	2007/04/20 08:44
L31	82	30 and ((plural\$3 or multiple) adj3 ((charge adj pump\$4) or (switched adj capacitor\$1)))	US-PGPUB; USPAT	OR	OFF	2007/04/20 09:40
L32	27888	30 and (cascad\$3 or cascod\$3)	US-PGPUB; USPAT	OR	OFF	2007/04/20 09:34
L33	293	32 and (two adj wire)	US-PGPUB; USPAT	OR	OFF	2007/04/20 09:08
L34	9313	32 and loop	US-PGPUB; USPAT	OR	OFF	2007/04/20 09:08
L35	250	33 and 34	US-PGPUB; USPAT	OR	OFF	2007/04/20 09:08
L36	245	35 not 31	US-PGPUB; USPAT	OR	OFF	2007/04/20 09:09
L37	180	36 and ((control\$4 or adjust\$4 or vary\$3) near3 current\$1)	US-PGPUB; USPAT	OR	OFF	2007/04/20 09:34
L38	175	37 and divi\$4	US-PGPUB; USPAT	OR	OFF	2007/04/20 09:10
L39	1	38 and 2	US-PGPUB; USPAT	OR	OFF	2007/04/20 09:11
L40	0	38 and "switched capacitor"	US-PGPUB; USPAT	OR	OFF	2007/04/20 09:12

## EAST Search History

L41	140	38 and "power supply"	US-PGPUB; USPAT	OR	OFF	2007/04/20 09:17
L42	40	37 not 41	US-PGPUB; USPAT	OR	OFF	2007/04/20 09:17
L43	2189	"process variable"	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/20 09:18
L44	666	43 near5 (measur\$5 or detect\$3 or sens\$3 or monitor\$3 or determin\$5 or test\$3)	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/20 09:19
L45	30	44 and (cascad\$3 or cascod\$3)	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/20 09:21
L47	4303	327/535,536,538,540.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/20 09:23
L48	442	363/28,62,74,78.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/20 09:28
L49	314	307/109.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/20 09:28
L50	3950	324/158.1,772.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/20 09:28
L51	8977	47 or 48 or 49 or 50	US-PGPUB; USPAT	OR	OFF	2007/04/20 09:32
L52	1622	51 and (3 or 28)	US-PGPUB; USPAT	OR	OFF	2007/04/20 09:32
L53	1620	52 not (4 or 5 or 12 or 20 or 25 or 38)	US-PGPUB; USPAT	OR	OFF	2007/04/20 09:34
L54	508	53 and ((control\$4 or adjust\$4 or vary\$3) near3 current\$1)	US-PGPUB; USPAT	OR	OFF	2007/04/20 09:34
L55	57	54 and (cascad\$3 or cascod\$3)	US-PGPUB; USPAT	OR	OFF	2007/04/20 09:35
L56	3	54 and "process loop" not 55	US-PGPUB; USPAT	OR	OFF	2007/04/20 09:38
L57	11	54 and "switched capacitor"	US-PGPUB; USPAT	OR	OFF	2007/04/20 09:38
L58	5	54 and ((plural\$3 or multiple) adj3 (charge adj pump\$4))	US-PGPUB; USPAT	OR	OFF	2007/04/20 09:41
L59	437	54 not (55 or 56 or 57 or 58)	US-PGPUB; USPAT	OR	OFF	2007/04/20 09:41

## EAST Search History

L60	131	59 and loop	US-PGPUB; USPAT	OR	OFF	2007/04/20 09:45
L61	50	59 and (voltage adj divider\$1) not 60	US-PGPUB; USPAT	OR	OFF	2007/04/20 09:46
L62	15	59 and "charge pump" not (60 or 61)	US-PGPUB; USPAT	OR	OFF	2007/04/20 09:47
L63	2	"loop powered process instrument"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/20 09:48
L64	10	"loop powered process"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/20 09:48
L65	8	64 not 63	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/20 09:48
L66	16	"two-wire process loop"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/20 09:50
L67	5	"cascaded charge pump circuits" or "cascaded switched capacitor voltage dividers"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/20 09:51